

IN THE CLAIMS:

Please REPLACE claims 23, 24, and 54 in accordance with the following:

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23. (ONCE AMENDED) A micro-lens built-in vertical cavity surface emitting laser (VCSEL), comprising:

- a micro-lens integrally formed on a laser beam emitting surface of the VCSEL emitting a parallel light beam and disposed in a window region through which the light beam is emitted;
- a lens layer comprising the micro-lens and formed on the laser beam emitting surface of the VCSEL; and
- an upper electrode formed on a portion of the lens layer excluding the window region.

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24. (ONCE AMENDED) The micro-lens built-in VCSEL as recited in claim 23, further comprising:

- a substrate;
- a lower electrode formed underneath the substrate;
- a lower reflector;
- an active layer comprising a light generating region; and
- an upper reflector comprising a relatively lower reflectivity than that of the lower reflector,

wherein the window region is defined by the upper electrode and the micro-lens.

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54. (ONCE AMENDED) The micro-lens built-in VCSEL as recited in claim 23, further comprising:

- a substrate;
- a lower electrode formed underneath the substrate;
- a lower reflector;
- an active layer comprising a light generating region; and
- an upper reflector comprising a relatively lower reflectivity than that of the lower reflector,

wherein the window region comprises a diameter satisfying a Fraunhofer diffraction condition and is defined by the upper electrode and the micro-lens.

REMARKS

In accordance with the foregoing, the specification and claims 23, 24, and 54 have been amended. Claims 1-64 are pending and under consideration.